

IN THE SPECIFICATION

Please replace the paragraph that begins on page 5, line 8, with the following amended paragraph:

FIG. 6 is a schematic form of a ~~VCard~~ VCARD and, in particular, the information which may be contained on a ~~VCard~~ the VCARD to identify the bearer of the ~~VCard~~ VCARD and which may be used in the output device of FIG. 1.

Please replace the paragraph that begins on page 5, line 14, with the following amended paragraph:

However, it should be understood that these embodiments are only examples of the many advantageous uses of the innovative teachings herein. In general, statements made in the specification of the present application do not necessarily limit any of the various claimed inventions. Moreover, some statements may apply to some inventive features but not to others. In general, unless otherwise indicated, singular elements may be in the plural and *visa* vice versa with no loss of generality.

Please replace the paragraph that begins on page 6, line 5, with the following amended paragraph:

In another embodiment, the function of the server 105 is combined with the output device 109 into a ~~output~~ single output device with local storage for holding file data for later output.

Please replace the paragraph that begins on page 6, line 8, with the following amended paragraph:

The bidirectional data links shown in FIG. 1: 103, 107, 111, 115 may use a variety of different protocols. Some of the data links may comprise a local area network (LAN), operating on Ethernet protocol for example, whereas one or more of the bidirectional data links may be external to, yet connected with the LAN. For example, in the case of a remote client computer, 101 ~~parts of the bidirectional data link 103, may be comprised~~ computer 101, parts of the bidirectional data link 103 may comprise parts of the Internet communication infrastructure, leased line, or parts of the public telephone system, including wireless systems. The communication protocols used in different layers of the communication protocol stack can also vary.

Please replace the paragraph that begins on page 6, line 16, with the following amended paragraph:

In the case that the output device 109, is a printer or a FAX machine, the communication protocol used is advantageously a bidirectional communication protocol such as the Internet Printing Protocol (IPP) [[IPP]], the Internet FAX (IFAX) [[IFAX]], or the Intelligent Printer Data Stream (IPDS). These protocols could be extended to handle the new authentication identifying data according to the inventive principles of the invention, or another extensible communications protocol ~~that is extensible~~ may be employed.

Please replace the paragraph that begins on page 6, line 26, with the following amended paragraph:

Referring to FIG. 2, ~~[[a]]~~ the personal physical identification ~~117A~~ 117 is shown in the form of a smart card 117A incorporating a Java enabled ibutton®. The smart card 117A is a card-sized device comprising a microprocessor, Read Only ~~(ROM) memory~~ Memory (ROM), Random Access ~~(RAM) memory~~ Memory (RAM) and an I/O means used for business and financial communication. An ibutton is a tamper proof secure microprocessor/memory device made by Dallas Semiconductor of Dallas, Texas which is suitable for use in the smart card shown in FIG. 2. A Java™ enabled ibutton is an ibutton loaded with a form of ~~[[the]]~~ a Java Virtual Machine 211. ~~[[A]]~~ The Java Virtual Machine 211 is a collection of software routines that are written for a particular processor architecture, providing a standardized interface to the underlying architecture for programs written in the Java language. The Java programming language is a product of Sun ~~Micro-Systems~~ Microsystems of Palo Alto, California. The smart card 117A comprises a microprocessor 203, Non-Volatile ~~Random Access Memory~~ RAM (NVRAM) 205, ~~read-only Memory (ROM)~~ ROM 207, and a 1-wire® I/O interface 209. The 1-wire I/O bus is a standard developed by Dallas Semiconductor. Computer code embodying the Java Virtual Machine 211 is stored in ROM 207. A VCARD™ application program 215 is stored in the NVRAM 205. In the case of an ibutton smart card, the communication interface 123 would take the form of Blue Dot™ interfaces. The Blue Dot interface has one 1-wire I/O port for connecting to the ibutton, and one serial or parallel port for connection to the output device 109. The Blue Dot interface is a product of Dallas Semiconductor.

Please replace the paragraph that begins on page 8, line 27, with the following amended paragraph:

Referring to FIG. 3, a flow diagram of the VCARD application program 215 is shown. In the first block 301, a request for personal identifying information is received through the 1-wire I/O. In the second block 303, personal identifying information is sent out through the 1-wire I/O. The information is preferably in ~~[[the]]~~ a VCARD format. The VCARD format is defined by a standard for presenting personal identifying information supported by the Versit Consortium, an industry group. The VCARD format provides a standardized format for communicating a variety of non confidential information about a person, including, but not limited to, such information as would be contained on a printed business card. Some data items that may be included according to the standard are the persons named in various formats, addresses, different phone numbers along with indications of what they are (e.g., fax, work). ~~According to the standard non-character data for example an audio file giving the pronunciation of the users name, or a graphic file containing a picture of the person, may also be included.~~ According to the VCARD format standard, non-character data, for example, an audio file giving the pronunciation of the user's name or a graphic file containing a picture of the user, may also be included. In order to include non-character data in the VCARD, it is character encoded. One standard for character encoding is called Base64 encoding. Base64 encoding converts each consecutive group of six bits into a character specified in a table given by the standard. The VCARD data is formatted along with field names, and data format indicating information. Certain data items may be included by reference to a universal resource identifier (URI) contained in the VCARD in lieu of the data itself. The VCARD specification, copyrighted in 1996 may be found on the Internet at: <http://www.imc.org/pdi/vcard-21.txt>, and is hereby incorporated herein by reference in its entirety. The VCARD specification is open in that it allows for additional fields of information to be included according to the design of the implementation. In another ~~embodiment, the disclosed principles~~ embodiment of the invention, the identifying data may be combined with data indicative of the time or place of data access.

Please replace the paragraph that begins on page 9, line 23, with the following amended paragraph:

FIG. 4 depicts a flow diagram according to an embodiment of the invention from the perspective of the output device control server 105, shown in FIG. 1. In process block 401, a file is received for outputting from the client computer 101, at the output device control server 105. The file is sent along with information identifying its source (e.g., a network address and/or sending ~~parties~~ party's personal identification (e.g., information including an email address)). In the next process block 403, the file is held in the output device control server 105. In the next process block 405, a ~~users~~ user's request for outputting the file is received, e.g., via a graphical user interface (GUI) of the output device control server 105. In the next process block, 407 the user is prompted to ~~present/connected~~ present physical identification. In the next process block 409, personal physical identification is read.

Please replace the paragraph that begins on page 10, line 11, with the following amended paragraph:

The system and the method according to the disclosed inventive principles may be used, for example, within the ~~VCard~~ VCARD format ~~shown in a schematically represented VCard shown in FIG. 6.~~ A VCARD is schematically represented in FIG. 6. Such information is typically limited to general information such as, name, all relevant addresses and phone numbers, all relevant multimedia data and audio data, without regard to ~~encryption or passwords or special codes~~ for authentication of the identity of the party accessing the document from the output device 109 of FIG. 1, such as by encryption or passwords or special codes, as is common with prior art systems, methods and devices.

Please replace the paragraph that begins on page 11, line 4, with the following amended paragraph:

~~According to later embodiments, the~~ The invention provides an electronic return receipt, that is, it provides the sender of the file with personal identifying information of the person who accepted the output. The intended recipient may be the sender, e.g., in the case where ~~[[a]] the~~ sender sends a confidential print job to a networked group printer, or a second person with whom the sender intends to communicate.

Please replace the paragraph that begins on page 11, line 9, with the following amended paragraph:

~~Referring to FIG. 5 a flow diagrams of process run~~ FIG. 5, a flow diagram of a process that runs on client computer 101 is shown. In the first process block 501, the record sent in process block 419 from the output device control server 105, comprising personal identifying information and identification of the output file is received at the client computer 101. In the next process block 503, the personal identifying information is displayed on a display device (not shown) associated with the client computer 101. The information may be displayed in association with the name of the output file. For example, in the case of printer type output device 109, the information may be displayed in a dialog box on a display screen of the client computer 101, generated by a print manager program running on the client computer 101.

Please replace the paragraph that begins on page 11, line 18, with the following amended paragraph:

In still another embodiment, where the output device 109 is a printer that includes an error-knowledgeable system, such as IBM's industry standard ~~Intelligent Printer Data Stream~~ IPDS, the information ~~[[is]]~~ sent back from the output device 109 to client computer 101 could include a report of any errors encountered while printing and how many pages actually printed.

Please replace the paragraph that begins on page 11, line 23, with the following amended paragraph:

The client computer ~~may for example comprise a client computer 101,~~ 101 and the output device control computer ~~105, may for example 105 may, for example,~~ comprise a microprocessor-based system running a suitable operating system. Operating systems include DOS, Windows 3.1/95/98/NT®, Linux®, Unix®, Macintosh®, and OS/2®, ~~and comprising microprocessor; Basic Input Output System read only memory (BIOS ROM); Random Access Memory (RAM); hard disks; removable media drive, e.g. Compact Disk Read Only Memory (CD ROM) drive; 3.5 MB disk drive; communication device e.g. network card or modem; monitor; video driver board; keyboard.~~ The client computer 101 and the output device control computer 105 may comprise a microprocessor; a basic input output system ROM; RAM; hard disks; removable media drive, e.g., a compact disk ROM drive and a 3.5 inch floppy disk drive; a communication device, e.g., a network card and a modem; a monitor; a video driver board; and a keyboard.